

**MPA MANAGEMENT CAPACITY TRAINING PROGRAM**  
**AGENDA – DAY 9: MPAs & FISHERIES IN SE ASIA**  
December 2005, Nha Trang, Vietnam

<b>Day 9 Fisheries in SE Asia</b>	<b>ACTIVITIES and OBJECTIVES</b>	<b>Materials</b>
8:00-10:00	<p><b>1. Fundamentals of Fisheries Management</b>  <u>Objectives:</u> To understand basic relationships of fish catch and fish effort, the causes of overfishing; and the impacts of different fishing methods and gear commonly used in SE Asia.</p> <p><u>Activities:</u>  1) Review &amp; Discuss <ul style="list-style-type: none"> <li><u>Discussion:</u> Implementation plan from days 4-6; discuss what group already knows about today's topic.</li> </ul> 2) Presentation: Three Basic Goals of Fisheries Management  3) Presentation: Fish Catch, Fishing Effort and Overfishing <ul style="list-style-type: none"> <li><u>Discussion:</u> Overfishing in MPAs</li> </ul> 4) Presentation: Tragedy of the Commons <ul style="list-style-type: none"> <li><u>Exercise 1:</u> "Tragedy of the Commons" Game</li> </ul> 5) Presentation: Tropical Fish Ecology  6) Presentation: Fishing Methods &amp; Gears <ul style="list-style-type: none"> <li><u>Discussion:</u> Fishing Methods in MPAs</li> </ul> </p> <p><i><b>Total: 2 hours</b></i></p>	<p><b><i>Handouts:</i></b>  --Definitions of Terms used in Fisheries Management  --"Tragedy of the Commons" Game (for Exercise 3)  --Illustration of Fishing Methods</p>
10:00-10:15	<b>BREAK</b>	
10:15-12:00	<p><b>2. Fisheries Management Strategies for Southeast Asia</b>  <u>Objectives:</u> To learn about fisheries management strategies and tools, and which might be used in different habitats of SE Asia.</p> <p><u>Activities:</u>  1) Presentation: Practical Management Strategies &amp; Tools <ul style="list-style-type: none"> <li><u>Exercise 1:</u> Applying Management Tools to a Real Problem</li> </ul> 2) Presentation: Management Considerations for Different Habitats  3) Review: Zonal Management  5) Presentation: Assessment <ul style="list-style-type: none"> <li><u>Exercise 2:</u> What are the Signs of an Overfished Area?</li> </ul> </p> <p><i><b>Total: 1.75 hours</b></i></p>	<p><b><i>Handouts:</i></b>  --Management Strategies for Specific Problems  --Applying Management Tools (for Exercise 5)  --Suggested Coastal Use Zones  --Measuring Fish  --Signs of Overfishing</p>
12:00 -2:00	<b>LUNCH</b>	

2:00 –3:00	<p><b>3. Responsible Mariculture Practices</b></p> <p><u>Objective:</u> To understand the impacts and benefits of mariculture practices in and near MPAs.</p> <p><u>Activities:</u></p> <ol style="list-style-type: none"> <li>1) Presentation: Common Mariculture Practices</li> <li>2) Presentation: Problems with Mariculture <ul style="list-style-type: none"> <li>• <u>Exercise 1:</u> <i>Discuss</i> mariculture in MPAs</li> </ul> </li> </ol> <p><b><i>Total: 1 hour</i></b></p>	<p><b><i>Handout:</i></b></p> <p>--Impacts and Benefits of Mariculture Practices</p>
3:00-3:15	<b>BREAK</b>	
3:15-5:00	<p><b>4. Field Trip</b></p> <p><u>Objective:</u> To observe first hand varying mariculture practices and methods</p> <p><u>Activity:</u> Visit lobster and finfish aquaculture operations in Nha Trang harbor; compare and contrast impacts of the different operations.</p> <p><b><i>Total: 2.75 hours</i></b></p>	<p><b><i>Handout:</i></b></p> <p>--Mariculture Evaluation Form</p>
5:00	<b>ADJOURN MEETING</b>	
7:00-8:00	One hour debrief for MPA Leadership Team	